

AMENDMENTS TO THE CLAIMS

Claims 1-23. (Cancelled)

24. (Currently Amended) A substance for a catalytic combustion, comprising:

a paste having a boron nitride supported noble metal catalyst suspended in a solvent ~~for catalyzing said combustion;~~
~~a substrate for suspending said catalyst;~~ and
a supporting material ~~for dispersing said substrate with said catalyst~~ having said paste dispersed thereon for increasing a total surface area of said catalyst, thereby said catalytic combustion being initiated within 30 minutes.

25. (Currently Amended) The ~~catalyst~~ substance according to claim 24, wherein said noble metal is selected from a group consisting of platinum (Pt), palladium (Pd), rhodium (Rh), Ruthenium (Ru) and a mixture thereof.

26. (Currently Amended) The ~~method~~ substance according to claim 24, wherein ~~substrate is a paste~~ said solvent comprises an organic solvent.

27. (Currently Amended) The ~~method~~ substance according to claim 24, wherein said supporting material is a porous element having a relatively higher specific surface area.

28. (Currently Amended) A catalyst for catalytic combustion ~~as claimed in claim 1~~ of a fuel, comprising:
a boron nitride support having a surface ~~and;~~

a noble metal dispersed on said surface to form a boron nitride supported noble metal catalyst, wherein said noble metal is dispersed on a surface of said boron nitride support; and
a solvent for suspending said boron nitride supported noble metal catalyst to form a paste.

29. (original) The catalyst according to claim 28, wherein a specific surface area of said catalyst ranges from 1 to 200 m²/g.

30. (original) The catalyst according to claim 28, wherein a loading of said noble metal ranges from 0.1 to 5.0 wt%.

31. (original) The catalyst according to claim 28, wherein said noble metal is selected from a group consisting of platinum (Pt), palladium (Pd), rhodium (Rh), Ruthenium (Ru) and a mixture thereof.

32. (original) The catalyst according to claim 28, wherein said fuel is one of a mixture of water and alcohol and a single alcohol.

33. (original) The catalyst according to claim 32, wherein said alcohol is one selected from a group consisting of a methanol, an ethanol or an isopropanol.

34. (original) The catalyst according to claim 28, wherein said fuel is one of a mixture of hydrocarbon and alcohol and a single hydrocarbon.

35. (Currently Amended) The catalyst according to claim 34, wherein said ~~hydrocarbon~~ hydrocarbon is one selected from a

group consisting of a methane, a liquid petroleum gas (LPG), a gasoline, an hexane and an naphtha oil.